

### MATERIAL SAFETY DATA SHEET

SECTION I			
MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.		EMERGENCY TELEPHONE NO. (302) 774-7500	
ADDRESS (Number, Street, City, State, and ZIP Code) Wilmington, DE 19898			
CHEMICAL NAME AND SYNONYMS Sulfuric Acid, Oil of Vitriol		TRADE NAME AND SYNONYMS Sulfuric Acid 66°, WW, BQ,	
CHEMICAL FAMILY Mineral Acid	FORMULA H <sub>2</sub> SO <sub>4</sub>	Battery Acid	
SECTION II HAZARDOUS INGREDIENTS OF MIXTURES			
SECTION III PHYSICAL DATA			
BOILING POINT (°F)	535	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.835
VAPOR PRESSURE (mm Hg)	0.001	PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR=1)	Not Applicable	EVAPORATION RATE (butyl acetate = 1)	less than 1
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR Colorless to brownish oily liquid with no odor			
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	Not Applicable	FLAMMABLE LIMITS	Lel      Uel
EXTINGUISHING MEDIA		Not Applicable	
For fires in area, use approved media, such as water, carbon dioxide, or dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES Wear full acid protective clothing when possibility of acid contact exists.			
UNUSUAL FIRE AND EXPLOSION HAZARDS The acid reacts with most metals to give flammable hydrogen gas, particularly when diluted. Addition of water to the acid causes generation of heat, possible spattering, and increased corrosion.			
SECTION V HEALTH HAZARD DATA			
THRESHOLD LIMIT VALUE 1 mg/m <sup>3</sup>			
EFFECTS OF OVEREXPOSURE Severe burns to skin, eyes and all body tissue on contact. Respiratory irritation on inhalation of vapors or mists.			
EMERGENCY AND FIRST AID PROCEDURES Flush skin or eyes with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. For inhalation, remove person to fresh air. Get prompt medical attention.			

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.